

# THE SIPRO P.7 MOCK II 2024

## SOCIAL STUDIES WITH RELIGIOUS EDUCATION

Time Allowed: 2 Hours 15 Minutes

Index No.

Random No.	Personal No.

Candidate's Name: \_\_\_\_\_

Candidate's signature: \_\_\_\_\_

School Random No. \_\_\_\_\_

District ID: \_\_\_\_\_

### READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: A and B.
2. Section A has 40 questions (40 Marks).
3. Section B has 15 questions (60 Marks).
4. Attempt all questions in both sections. All answers to both sections A and B. must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or *ink*. Only diagrams and graph work must be done in *pencil*.
6. Unnecessary *alteration* of work will lead to loss of marks.
7. Any *handwriting* that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated:

"FOR EXAMINER'S USE ONLY"

### For Examiner's Use Only:

Qn - No	MARKS	INITIALS
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
Total		

Please turn over



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## SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Name any one important place where the Uganda flag is raised.
2. Give any one way through which culture should be promoted at home.
3. How do radio stations promote the development of talents?
4. Which ministry is in charge of all local councils in Uganda?
5. Give one way the government of Libya made irrigation farming easy.
6. State any one factor that makes the people of Karamoja sub-region build muddy houses.
7. How are Westerly winds important to the Mediterranean climatic regions of Africa?

The diagram below is of a note. Study and use it to answer questions 8 and 9.



8. How is the above item useful during trade?
9. Mention one way the animal on that note promotes Uganda's tourism industry.
10. In which way did the Boers lead to the development of the mining sector in South Africa?  

---
11. How is civic education important during national elections in a country?  

---
12. What name did the Arabs give to the land of the black people on the coast of East Africa?  

---
13. How was the discovery of iron smelting important to early man?  

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P.7 SOCIAL STUDIES MOCK II EXAMINATIONS 2024

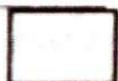
IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDES & PUPIL'S COMPANIONS.

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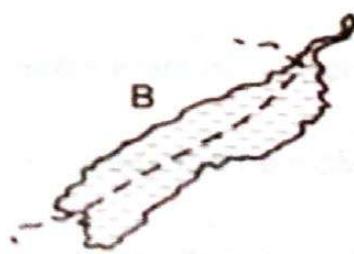
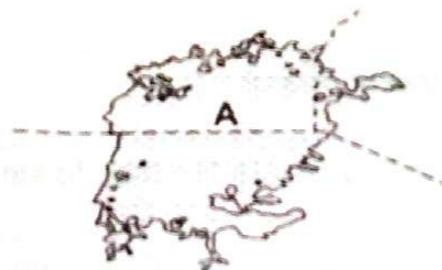
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14. Name any **one** school symbol that promotes love and respect for the school.
15. Give any **one** reason why the government of Uganda encourages people to drive carefully on the road.
16. Apart from the Executive Council of the Union, give **one** other organ of African Union.
17. Give any **one** reason why the tropical rainforests are thicker than desert vegetation.
18. How did the Portuguese explorers benefit from Prince Henry, the Navigator?
19. Give any **one** way sugarcane growing has improved livelihood in Jinja district.
20. How did the 1894 treaty affect Uganda politically?



21. Why is the government of Uganda encouraging people to grow more non-traditional cash crops?
22. What name was given to the group of neighbouring countries of South Africa that helped it to fight apartheid policy?
23. Give any **one** benefit of rural-electrification to the rural population of Uganda

Study the diagrams below carefully and use them to answer questions 24 and 25.



24. Name the type of lake marked B.

25. Name the process by which the type of lake labelled A was formed.

26. Mention **one** way in which the Uganda Wildlife Authority (UWA) conserves wildlife.

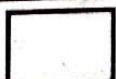


27. It is 2:00a.m at Greenwich Meridian. What time is it in country X which is  $45^{\circ}$  East?

28. How does farming create employment opportunities?

29. Mention any **one** example of voluntary leaders in our district.

30. Give any **one** way through which children can avoid being kidnapped.



31. State any **one** way the government of Uganda benefits from immigrant workers.

32. Mention any **one** factor which can lead to poverty in the community.

33. Name the group of people in Uganda that directly benefits from UNICEF.

34. How do industries contribute to the growth of trade in Uganda?

35. State any **one** way landlocked countries can solve the problems they face.

**In each of the questions 36 to 40, answer EITHER the Christian OR Islamic questions but not both on the same number. No marks will be awarded to a candidate who attempts both alternatives in a particular number.**

36. Either: How do Christians respect the house of God?

Or : How do Muslims respect the house of Allah?

37. Either: Mention **one** reason why some P.7 pupils are tempted to sin.

Or : Mention **one** reason why some P.7 pupils are tempted to sin.

38. Either: Name the type of prayer said to express our requests to God.

Or : Name the sunnah prayer said to get forgiveness of sins during the month of Ramadhan.



**39. Either:** Who was the first king of Israel?

Or : Who was the first caliph in Islam?

**40. Either:** Why was Jesus circumcised at a young age?

Or : Why do Muslims circumcise their male children?



#### SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41.a) Name the special document used to record pupils' daily attendance in the school.

b) Why do schools collect the daily attendance of pupils?

- i) \_\_\_\_\_  
iii) \_\_\_\_\_

c) Give any one way teachers can encourage girls to keep in school until they finish studies.

42.a) Apart from kingdoms, mention any two other political setups in the pre-colonial societies of East Africa.

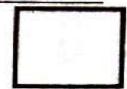
- i) \_\_\_\_\_  
ii) \_\_\_\_\_

b) Which kingdom did the Tembuzi dynasty form in East Africa?

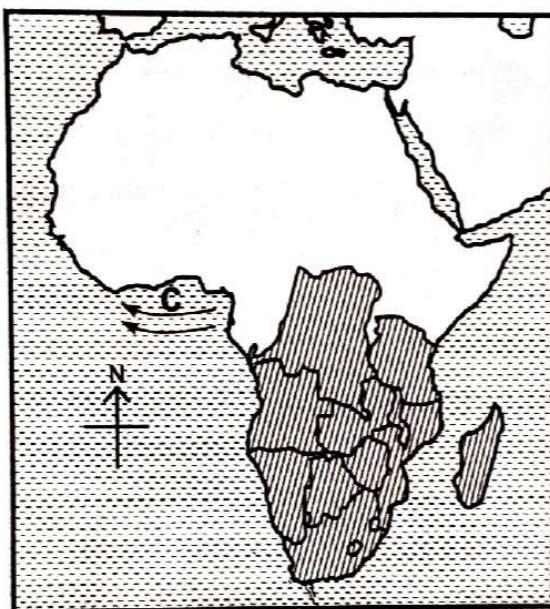
c) State any one way the people of Uganda have benefited from the restoration of kingdoms.



- 43.a) Mention any **one** example of requirements to set up an industry.
- b) State any **one** disadvantage of a country that exports mainly raw-materials.
- c) Give any **two** ways through which African countries can encourage the proper utilisation of resources.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_



44. Study the sketch map of Africa carefully and use it to answer the questions that follow.

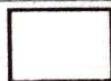


- a) Name the trading bloc for the shaded region of Africa.
- b) Use letter K to show the gulf of Aden.
- c) What was the main item carried on the route marked C to America during the Triangular trade?
- d) Mention any **one** country found in the shaded region.

- 45.a) Give any **one** example of human rights people enjoy by gathering to pray.
- b) Mention any **one** way the government has promoted the rights of women in Uganda.
- c) State any **two** ways the government of Uganda can benefit from human rights.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_

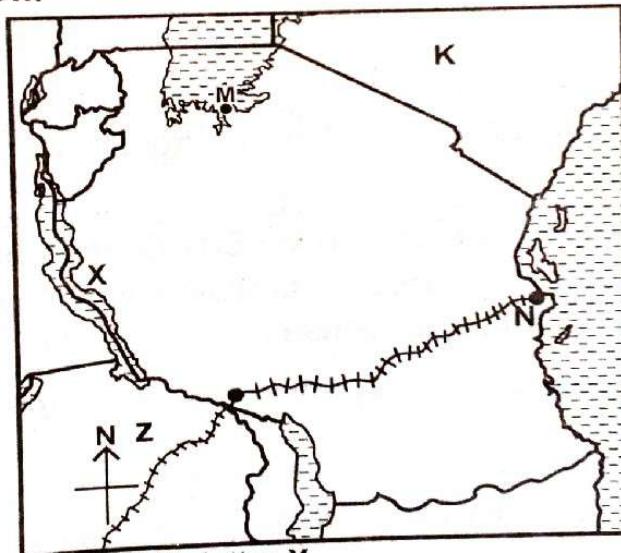


46. a) Give any **two** ways climate influences human activities.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- b) How does weather forecasting help people to meet their needs?
- c) Mention any **one** factor that promotes lumbering in Equatorial climate region of Africa.



47. a) State any **one** social reason for the colonisation of East Africa.
- b) Why was Kenya ruled by the British as a colony?
- c) Give any **one** factor that attracted the White Settlers to occupy Kenyan highlands.
- d) How did the White Settlers bring about development in Kenya?

48. Study the sketch map of Tanzania below carefully and use it to answer the questions that follow.



- a) Name the lake marked with letter X.
- b) How is the inland port marked N important to the people of Tanzania?
- c) What is the direction of Uganda from country marked K?
- d) State any **one** economic advantage of the railway line from town marked N to country marked Z.



49. a) Give any **one** reason why the youths have representatives in Uganda's Parliament.

---

b) Write the title given to the leader of government business in the parliament of Uganda.

---

c) Give any **one** important document approved by Uganda's parliament.

---

d) Write any **one** way the government of Uganda can reduce its expenditure.



50. a) What term is given to the cutting down of trees on a large scale?

---

b) Give any **two** reasons why people should plant more trees whenever they cut one.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) Mention any **one** way in which trees control climate change in an area.

**In each of the questions 51 to 55, answer EITHER the Christian OR Islamic questions but not both. No marks will be awarded to a candidate who attempts both alternatives in a particular number.**

51. Either: a) What do we call the day when Jesus entered Jerusalem triumphantly?

---

b) Mention any **two** things people did to welcome Jesus in Jerusalem on that day.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) How was the entry of Jesus in Jerusalem on the day named in (a) above important to Christians?



Or : a) Name the town where Prophet Muhammad (PBUH) migrated from going to Medina.

b) Mention any **two** ways the people of Yathrib reacted to Prophet Muhammad's (PBUH) visit.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

c) How was Hegira important to the people of Yathrib?

52. Either: a) How did God give Adam a special treatment?

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

b) Give any **one** reason why God punished Adam.

c) What does the story of Adam teach Christians today?

Or : a) How did Allah give Adam a special treatment?

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

b) Give any **one** reason why Allah punished Adam.

c) What does the story of Adam teach Muslims today?

53. Either: a) Name any **two** items Christians use to give tithe in church.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

b) State any **two** ways the church uses tithe to promote God's work on earth.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

Or : a) Name any **two** living items used to give zakat in Islam.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

b) State any **two** ways zakat is used to promote Allah's work on earth.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_



**54. Either:** a) Name the first religion to be practised in Africa before Christianity and Islam.

b) State any **two** ways in which the above religion is similar to Christianity.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

c) How do Christians of Uganda respect people of other religions?

**Or** : a) Name the first religion that existed in Africa before the introduction of Christianity and Islam.

b) State any **two** ways the believers in the above religion are similar to Muslims.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

c) How do Muslims of Uganda respect people of other religions?

**55. Both:** a) State the meaning of religious marriage.

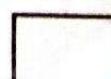
\_\_\_\_\_

b) Give any **two** ways in which the couple benefit from religious marriage.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

c) Give any **one** symbol of a religious marriage.

\_\_\_\_\_



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**P.7 SOCIAL STUDIES MOCK II EXAMINATIONS 2024**

IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDES & PUPIL'S COMPANIONS.

# THE SIPRO P.7 MOCK II 2024

## ENGLISH

Time Allowed: 2 Hours 15 Minutes

Index No.	Random No.	Personal No.

Candidate's Name: \_\_\_\_\_

Candidate's Signature: \_\_\_\_\_

School Random No. \_\_\_\_\_

District: ID \_\_\_\_\_

**READ THE FOLLOWING INSTRUCTIONS  
CAREFULLY:**

1. This paper has two sections: A and B.
2. Section A, sub - section I has 30 questions (**30 marks**) Sub - section II has 20 questions (**20 marks**).
3. Section B has 5 questions (**50 Marks**).
4. Attempt all questions in both sections. All answers to both sections A and B must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or *ink*. Only diagrams and graph work must be done in *pencil*.
6. Unnecessary *alteration* of work will lead to loss of marks.
7. Any *handwriting* that cannot be easily read may lead to loss of marks.
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Qn.No	MARKS	INITIALS
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 50		
51		
52		
53		
54		
55		
Total		

Please turn over



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## **SECTION A: 50 MARKS**

### **Sub-section I**

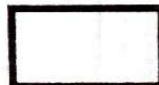
**Questions 1 to 50 carry one mark each.**

**In each of the questions 1 to 5, fill the blank space with a suitable word.**

1. The farmer needn't \_\_\_\_\_ beaten the animals.
2. Our head teacher is \_\_\_\_\_ in a black suit.
3. The policemen sent away the onlookers when they arrived \_\_\_\_\_ the accident scene.
4. That carpenter will \_\_\_\_\_ the table using sandpaper.
5. The pen pal about \_\_\_\_\_ I told you has visited us.

**In each of the questions 6 to 15, use the correct form of the word given in brackets to complete the sentence.**

6. The more exercises you do, the more \_\_\_\_\_ you become.  
(energy)
7. It is \_\_\_\_\_ who caused the accident. (him)
8. The boy \_\_\_\_\_ down and his father punished him. (lie)
9. Children who \_\_\_\_\_ their parents succeed in life.  
(obedient)
10. Show me the \_\_\_\_\_ button on this DVD player. (tiny)



11. The \_\_\_\_\_ has two cameras. (report)
12. Which dress has Anita \_\_\_\_\_? (choose)
13. I \_\_\_\_\_ broke the plates and cups. (accident)
14. Joshua reads storybooks for \_\_\_\_\_. (please)
15. Two \_\_\_\_\_ were knocked down by a taxi. (turkey)

**In each of the questions 16 and 17, use the given word in a sentence to show that you know the difference in their meaning.**

16. knead \_\_\_\_\_
17. need \_\_\_\_\_



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**In each of the questions 18 and 19, arrange the given words in alphabetical order.**

18. plate, cup, spoon, knife

19. drench, protect, drainage, preserve

**In each of the questions 20 to 22, write the singular form of the given word.**

20. ferries \_\_\_\_\_

21. thesauri \_\_\_\_\_

22. pieces of chalk \_\_\_\_\_

**In each of the questions 23 and 24, rewrite the sentence giving one word for the underlined group of words.**

23. People from America speak English fluently.

24. The head teacher's comment was not necessary.

**In each of the questions 25 and 26, write the given short form in full.**

25. c/o \_\_\_\_\_

26. I've \_\_\_\_\_

**In each of the questions 27 and 28, rewrite the sentence giving the opposite form of the underlined word.**

27. The price of sugar has risen.

28. It is legal to poach animals.

**In each of the questions 29 and 30, rearrange the given words to form a meaningful sentence.**

29. ago saw weeks him I two last.

30. your What is occupation father's?



## Sub section II

**In each of the questions 31 to 50, rewrite the sentence as instructed in brackets.**

31. The saucepans were very big. Kojo could not use them.  
(Rewrite as one sentence using: -----too-----to-----)
32. Ketra does not like ice-cream. Amanda does not like ice cream.  
(Rewrite as one sentence beginning: Neither-----)
33. It is a long way from Jericho to Kagadi.  
(Rewrite the sentence using: ----- far-----)
34. The pupil has been punished. The pupil refused to apologize for stealing a pen. (Rewrite as one sentence using: -----who-----)
35. Amina will reach the bus park at 7:00a.m.  
(Rewrite the sentence using: ----- arrive-----)
36. I paid the fare. The conductor did not give me a ticket.  
(Rewrite as one sentence beginning: Despite-----)
37. Bagada braked when he saw children crossing the road.  
(Rewrite the sentence beginning: No sooner -----)
38. The candidates are hard-working. The P.6 pupils are hard-working.  
(Rewrite as one sentence using: ----- as well as-----)
39. All the tourists agreed with the tour guide.  
(Rewrite the sentence beginning: None-----)
40. My aunt helped me to organise the party.  
(Rewrite the sentence using: ----- aunt of -----)



41. Kamali is a very skilful footballer.  
(Rewrite the sentence ending: ----- is!)
42. It is not easy to repair a vehicle.  
(Rewrite the sentence beginning: Repairing-----)
43. They wanted to have a boat cruise. They went to the beach.  
(Rewrite as one sentence using: -----so that-----)
44. "Why are you crying?" asked the matron.  
(Rewrite the sentence using: -----wanted to know -----)
45. I slashed the compound and then collected the grass.  
(Rewrite the sentence using: ----- before -----)
46. Teachers should be kind to their learners.  
(Rewrite the sentence using: -----ought-----)
47. Are these shoes yours? (Rewrite the sentence beginning: Do----?)
48. Stella will fry the chicken instead of roasting it.  
(Rewrite the sentence using: ----- would rather -----)
49. You will not pass if you don't work hard.  
(Rewrite the sentence using: -----unless-----)
50. Ali will reach the bus stop at 12:00 noon. The bus will leave at 11:00a.m. (Rewrite as one sentence beginning: By the time -----)



## SECTION B: 50 MARKS

Questions 51 to 55 carry ten marks each.

**51. Read the passage below and then answer, in full sentences, the questions that follow.**

Beriberi was a very beautiful village. Everyone admired it because of the forests and hills. People used to take pictures of this village from the top of the hills. One day, a carpenter visited this village. He had come to make a bed for the village chief. He made this from the chief's compound. The passers-by admired this bed. They asked the carpenter to make some things for them. Some asked for tables, some for chairs and others asked for stools. The carpenter agreed to make these things for them. He went and cut some trees in Tono Forest to make these items. He made whatever they asked for and planned to leave the next day.

Some more people asked for shelves, beds and chairs. The carpenter still went and cut some trees and made whatever they had asked for. One of the villagers noted that the number of trees was decreasing in Tono Forest. He came and talked to the carpenter about it. The carpenter realised that what he was doing was destroying the beauty of Beriberi Village. He decided to plant more trees in Tono Forest. When the people saw him, they also helped him. Everyone appreciated the carpenter. The carpenter left after a three-month stay in Beriberi Village.

**Questions:**

a) What made Beriberi Village beautiful?

---

b) Why did the carpenter come to Beriberi Village?

---

c) From where did the carpenter make the chief's bed?

---

---



d) What did the carpenter make for the first group of people?

---

---

e) From where was the carpenter getting the timber?

---

---

f) What did the carpenter do to bring back the beauty of Beriberi Village?

---

---

g) How long did the carpenter stay in that village?

---

---

h) Write another word or group of words to mean the same as the underlined ones in the passage;

i) beautiful \_\_\_\_\_

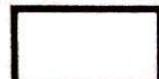
ii) appreciated \_\_\_\_\_

i) Suggest a suitable title to the passage.

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---



**52. Read the poem below and then answer, in full sentences, the questions that follow.**

The cookbook

A book for future chefs

That will prepare delicious meals

For satisfaction and happiness.

The cookbook

Page by page I read

So as not to miss any recipe

That was written by the master chef.



The cookbook  
Full of local dishes  
For Bakonzo, Bagisu, Baganda and Banyankole  
To all of us to enjoy their food.

The cookbook  
The only book I read as I practise  
For every step is important  
If I am to prepare delicious meals.

**Deborah**

**Questions:**

a) Which people should read the book?

b) What kind of meals will the reader learn to prepare?

c) Why is the writer reading each page?

d) Who wrote the cookbook?

e) How many types of local dishes are in this book?

f) What does the writer do after reading the book?

g) By whom was the poem written?

h) Write another word or group of words to mean the same as the underlined words in the poem;

(i) prepare \_\_\_\_\_

(ii) important \_\_\_\_\_

i) Suggest a suitable title to the poem.



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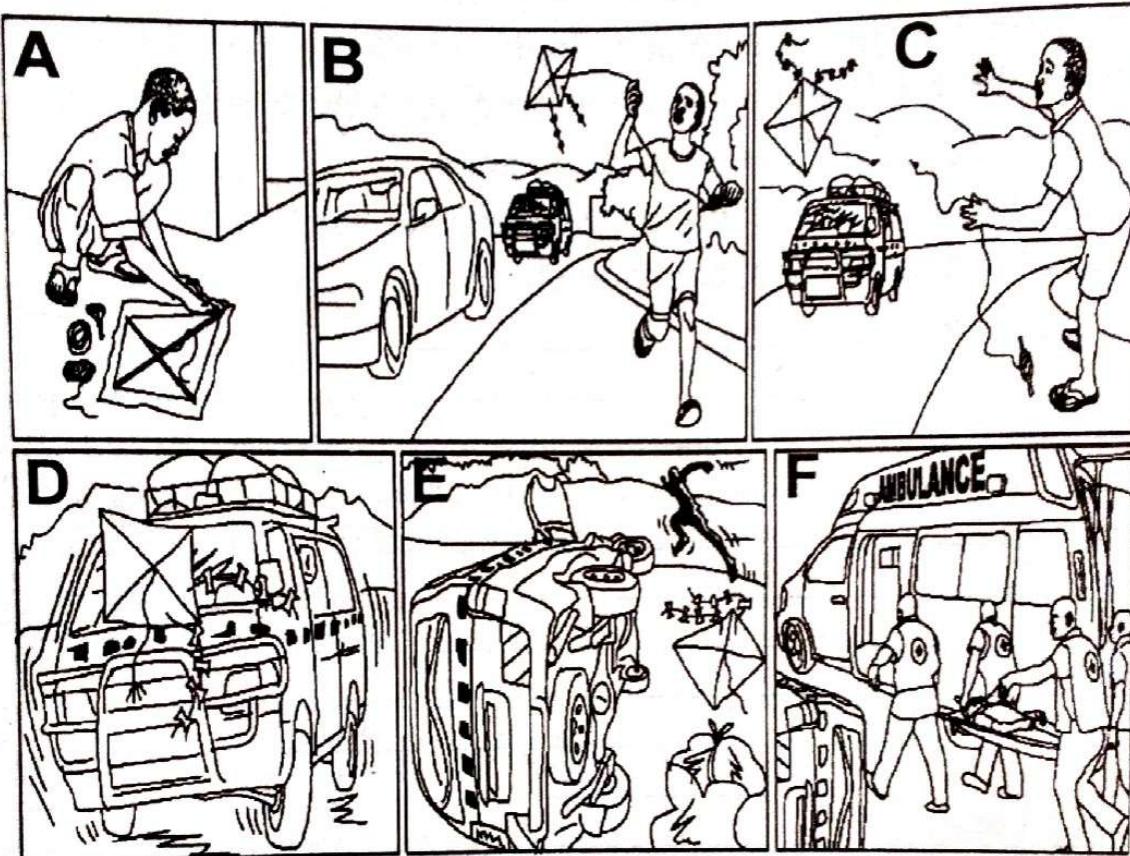
53. The sentences below are in a wrong order. Rearrange them correctly to make a meaningful story about Kyaga's businesses.

- a) These people could put the shoes in their bags.
  - b) Kyaga is a very rich man in Ndutu Town.
  - c) This shop is very big.
  - d) For that reason, he faces several challenges.
  - e) He owns many businesses in this town.
  - f) However, Kyaga got a solution to this challenge one day.
  - g) One of the problems was people who used to steal the shoes.
  - h) He installed CCTV cameras in the shop.
  - i) So nobody could see them as they left with the stolen shoes.
  - j) One of the businesses is a shoe shop.



54. The pictures below tell a story. Study them carefully and write one sentence to describe what is happening in each.

kite      knock      accident      ambulance      driver  
windscreen      hospital      victim      case      fly



- a) Picture A: \_\_\_\_\_
- b) Picture B: \_\_\_\_\_
- c) Picture C: \_\_\_\_\_
- d) Picture D: \_\_\_\_\_
- e) Picture E: \_\_\_\_\_
- f) Picture F: \_\_\_\_\_

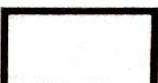
## Questions:

g) What is the boy making in Picture A?

h) What do you think was the cause of the accident?

i) How many people were involved in the accident?

j) Suggest a suitable title to the picture story.



55. The information below was found in Joy's phone. Study it carefully and then answer, in full sentences the questions that follow.

### Today 5th April

Mum	0709041924 ↗	2:32p.m.
carpenter	0740021224 ↗	1:00p.m.
Stella	0762412349 ↘	10:30a.m.

### 4th April

Emeka	+256756789303 ↗	3:07p.m.
Kirabo	0743111479 ↘	10:45a.m.
Zena	0740071630 ↘	8:10a.m.
Uncle Denc	0735781936 ↘	8:00a.m.

### 3rd April

0811390023	↗	9:40a.m.
Mum	070304192 ↘	9:00a.m.
	0709046117 ↗	8:00a.m.

### Key:

- ↗ dialled call
- ↘ received call



## Questions

a) At what time did Joy receive the first call on 5th April?

---

b) Who did Joy dial first on 5th April?

---

c) What is Kirabo's telephone number?

---

d) What is the relationship between Deno and Joy?

---

e) According to the information, on which day didn't Joy make any call?

---

---

f) On which day did Joy receive more calls?

---

g) Why do you think Joy called the carpenter?

---

---

h) At what time of the day was Joy's phone busiest?

---

i) Who uses the telephone number 0709041924?

---

j) From whom did Joy receive a call at 8:10am?

---



# THE SIPRO P.7 MOCK II - 2024

## INTEGRATED SCIENCE

Time Allowed: 2 Hours 15 Minutes

Index No.

Random No.	Personal No.

Candidate's Name: \_\_\_\_\_

Candidate's Signature: \_\_\_\_\_

School Random No. \_\_\_\_\_

District: \_\_\_\_\_

### READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: A and B.
2. Section A has 40 questions (40 Marks).
3. Section B has 15 questions (60 Marks).
4. Attempt all questions in both sections. All answers to both sections A and B must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated:  
**"FOR EXAMINER'S USE ONLY"**

### For Examiner's Use Only;

Qn No	MARKS	INITIALS
1-10		
11- 20		
21- 30		
31- 44		
41- 43		
44- 46		
47 - 49		
50 -52		
53 - 55		
Total		

Please turn over



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## **SECTION A: 40 MARKS**

**Questions 1 to 40 carry one mark each.**

1. Name the type of chicken that needs plenty of calcium in their diet.

---

2. Mention any one way of controlling weeds in the garden without using chemicals.

---

3. Apart from sunlight, give any other component of the environment that plants use to make starch.

---

4. How does planting of trees around a school control dangers of wind?

---

5. State the difference in the behaviour of a cork and a stone when placed on water.

---

**The diagram below shows a flowering plant. Study and use it to answer questions 6 and 7.**



6. Name the part labelled with letter Y.

---

7. State the function of part labelled with letter M.

---

8. Name the skeletal bone that protects the ovaries in the female reproductive system.

---

9. Mention any one way you can preserve meat locally at home.

---




10. Give the difference between a bean plant and a mushroom in their way of feeding.

---

---

11. State any **one** piece of advice you can give to a mother whose baby has weak bones.

12. Give any **one** way people make use of heat insulators at home.

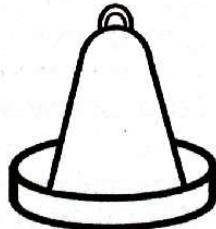
13. How can a P.7 candidate help a friend who is an alcoholic?

14. Which step in cleaning clothes prevents staining of light coloured clothes?

15. State the element of PHC promoted by performing regular physical exercises.

16. Mention any **one** sign of foot and mouth disease among cattle.

**The diagram below shows an equipment used in a poultry house. Study and use it to answer questions 17 and 18.**



17. Identify the equipment shown in the diagram above.

18. Give the use of the equipment shown in the diagram above in a deep litter house.

19. Mention any **one** disadvantage of using herding method of grazing cattle.



20. How does a candle making factory benefit from a nearby apiary?

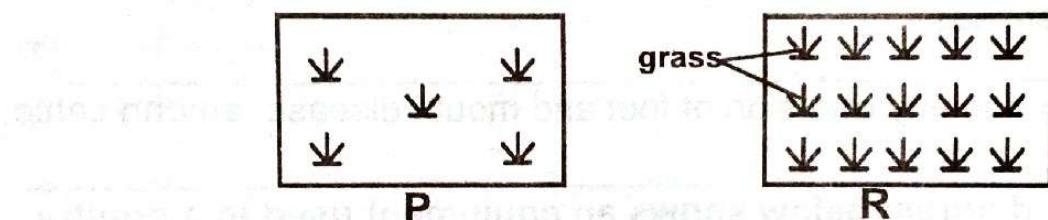
21. Why is soap an important item in the promotion of personal hygiene?

22. Apart from mushrooms, mention any **one** other example of a useful fungus.

23. Why is it not easy to light a matchstick on a wet matchbox?

24. State any **one** characteristic of images formed in a pinhole camera.

**The diagram below shows two pieces of land. Study and use it to answer questions 25 and 26.**



25. Which of the two pieces of land can be easily affected by soil erosion?

26. Give a suitable reason for your answer in (number 25) above.

27. Name the type of movable joint that allows body movement in all directions.

28. Give any **one** way drug prescription is important to a patient.

29. Mention **one** environmental factor that affects the rate of transpiration in a plant.



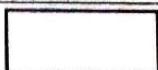
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P.7 INTEGRATED SCIENCE MOCK II EXAMINATION - 2024

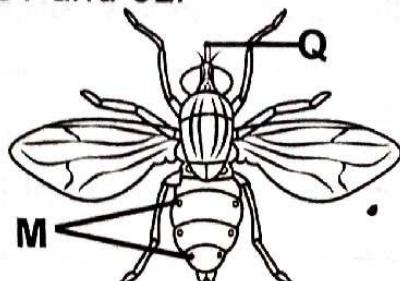
IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TR'S GUIDES AND PUPIL'S COMPANIONS.

30. How does a concave lens affect a parallel beam of light falling onto it?

---



The diagram below shows parts of an insect. Study and use it to answer questions 31 and 32.



31. Name the part labelled with letter Q.

---

32. Why does the above insect die when part marked M is covered with grease?

---

33. Which pulley system allows movement of the load in the same direction as the effort?

---

34. Write one example of a taste on the human tongue.

---

35. How does covering of food during cooking conserve charcoal at home?

---

36. Why does a person standing in a swimming pool appear shorter than their real height?

---

37. Name the longest and strongest bone found in the human body.

---

38. Why do crop farmers carry out staking in a tomato garden?

---

39. Write any one activity that a School Health Club can do to control the spread of cholera in case it breaks out in a school.

---

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40. State any **one** reason why pregnant mothers are encouraged to feed on food rich in iron.

**SECTION B: 60 MARKS**

Questions 41 to 55 carry **four marks each.**

41. a) State any **two** effects of heat loss on matter.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

b) Mention any **two** ways in which people use the physical processes brought about due to heat loss in their daily life.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

42. In the table below, list P shows ways of promoting PHC; and list Q shows the elements of PHC in their wrong order.

List P: Ways of promoting PHC	List Q: Elements of PHC
Feeding on a balanced diet	maternal and child health care
Caring for pregnant mothers	food and nutrition
Slashing tall grass in our compound	health education
Making people get informed on health issues	control of communicable diseases

Select from the table the correct elements of PHC and write them in the space provided below:

- i) Feeding on a balanced diet: \_\_\_\_\_  
ii) Caring for pregnant mothers: \_\_\_\_\_  
iii) Slashing tall grass in our compound: \_\_\_\_\_  
iv) Making people get informed on health issues: \_\_\_\_\_

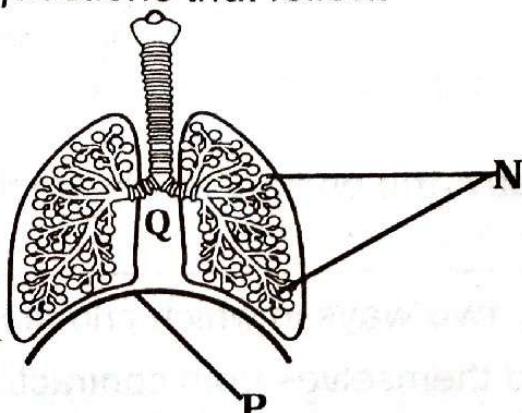
43. a) Name the type of germination common in most dicotyledonous seeds.

b) Explain how the type of germination you have given in (a) above differs from that in monocotyledonous seeds. (02 marks)



- c) State any **one** factor that can make a seed fail to germinate when all the conditions necessary for germination are provided.

44. The diagram below is of a respiratory system. Study and use it to answer the questions that follow.



a) Name the parts labelled with letters **P** and **N**.

(i) **P** \_\_\_\_\_

(ii) **N** \_\_\_\_\_

b) Identify the body organ which is located at position labelled **Q**.

c) Name the habit that affects the proper working of the body system drawn above.

45. a) What is meant by the term "weeding"?

b) Give any **one** example of weeds in a banana garden.

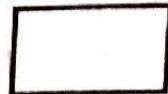
c) In which **one way** do weeds affect crop yields?

d) Mention any **one** way of controlling weeds in a banana garden.



46. A stone of mass **160 grammes** was dipped in a measuring cylinder full of water and the water level rose from 30cc to 50cc.  
a) Find the volume of the stone. (02 marks)

b) Calculate the density of the stone. (02 marks)



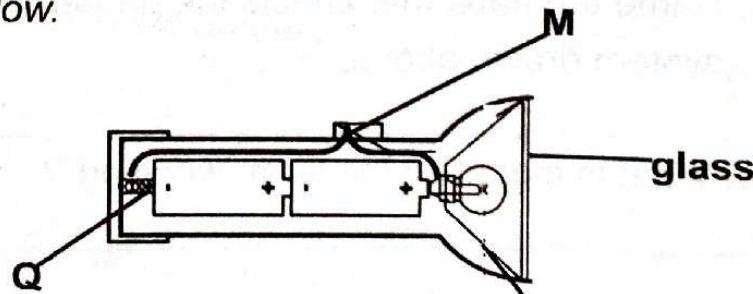
47. a) Mention any **one** primary sex characteristic in adolescent girls.

b) State any **two** ways in which primary seven candidates can safeguard themselves from contracting HIV/AIDS.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

c) State any **one** effect of HIV/AIDS to the individual.

48. The diagram below is of a torch. Study and use it to answer the questions that follow.



a) Name parts labelled with letters P and Q.

- (i) P \_\_\_\_\_  
(ii) Q \_\_\_\_\_

b) Why is the front part of the above torch made of a transparent glass?

\_\_\_\_\_

\_\_\_\_\_



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- c) Give the function of part labelled with letter M.
49. a) State any **two** functional differences between an artery and a vein.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- b) Which blood vessel carries oxygenated blood away from the heart?
- c) Name any **one** body hormone transported by blood.
- \_\_\_\_\_

50. a) Apart from reducing the weight of a plant, give any other **two** advantages of pruning crops.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- b) Name the **two** methods of planting crops.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_

51. The diagrams below show examples of artificial magnets.

Study and use them to answer the questions that follow.



- a) Identify the artificial magnets labelled with letters X and Y.
- i) X \_\_\_\_\_
- ii) Y \_\_\_\_\_
- b) Briefly explain how magnet labelled with letter X behaves when freely suspended in space.
- \_\_\_\_\_
- c) Show the flow of magnetism on magnet marked with letter Y.

52. a) Name the part of the skin which performs the following roles:
- i) producing sweat: \_\_\_\_\_



ii) sending touch impulses to the brain for interpretation:

- b) Write any two health habits that promote the proper working of the skin.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_

53.a) State any two ways a crop farmer can use to know that the soil has lost its fertility.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

b) Mention any two advantages of using organic manure to improve soil fertility.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

54.a) How is a housefly adapted to spreading germs in the environment?

b) State any two examples of diseases spread by a housefly.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

c) How can a primary seven candidate control the diseases spread by houseflies?

55. The diagram below shows a beak of a certain bird. Study and use it to answer the questions that follow.



a) Identify any one example of a bird with such a beak.

b) Name the type of food a bird with such a beak feeds on.

c) Explain the adaptation of such a beak to its function. (02 marks)



## **SECTION: 40 MARKS**

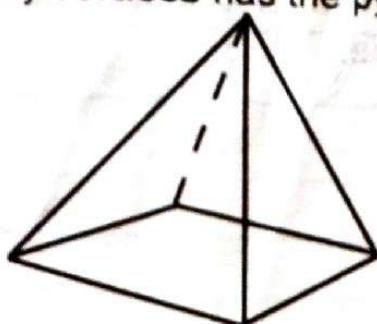
*Attempt all questions in this section.*

**Questions 1 to 20 carry two marks each.**

1. Work out:  $204$

$$\begin{array}{r} - \\ 93 \\ \hline \end{array}$$

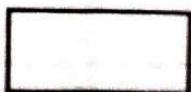
2. How many **vertices** has the pyramid below?

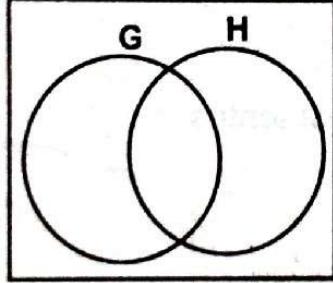


3. Express  $13_{\text{ten}}$  to base two.

4. Work out:  $1\frac{1}{2} + 3$

5. With the help of a ruler, sharp pencil and a pair of compasses only, construct an angle of  $30^\circ$  in the space provided below.

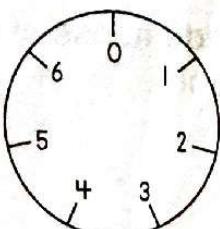


6. The temperature of a place was  $27^{\circ}\text{C}$ . If it rose by  $5^{\circ}\text{C}$ , work out the new temperature.
7. Ocol sold a bicycle at **sh.205,000** and made a loss of **sh.63,000**. Calculate the buying price of the bicycle.
8. In the Venn diagram below, shade the region (G-H)
- 
9. A bag contains 6 ripe mangoes and 7 raw ones. If a mango is picked from the bag at random. Find the probability of picking a **ripe** mango.
10. The time is **25 minutes to midnight**. Express this time on the **24 hour** clock system.



11. How many **prime** numbers are there between 10 and 20?

12. **Work out:**  $2 - 6$  (finite 7) using a clock dial.



13. Sumaya deposited **sh.130,000** in the bank. If the interest rate was 8% per month, how much interest did she get after 6 months?

14. Round off **48.97** to the nearest tenths.

15. Subtract  **$2b - a$**  from  **$5b - a$** .



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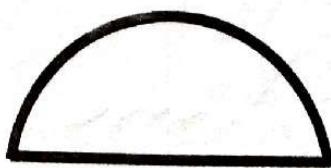


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16. Mark waited for his brother from **7:45 a.m** to **12:05 p.m.** How long did he wait?

17. A 35-metre wire was folded to form a semi-circular shape shown below. Find the length of the wire that formed the diameter of the semi-circle.

**[use  $\pi = \frac{22}{7}$ ]**



18. Work out:  $(16 \times 41) - (21 \times 16)$

19. A milk can holds **560 centilitres**. How many litres of milk does it hold?

20. In a P.5 class, there are **24** and **30** pupils in streams **A** and **B** respectively. In each stream, groups with equal number of pupils were formed. Find the largest number of pupils in each group.



## SECTION B: 60 MARKS

Attempt all questions in this section.

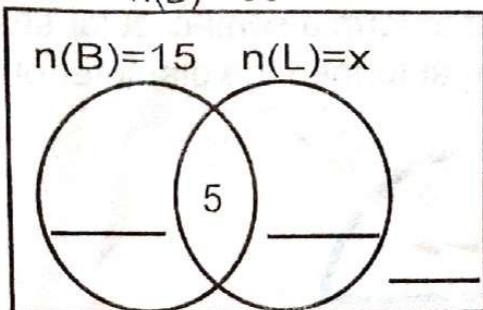
Marks for each part of the question are indicated in the brackets

21. Out of the 30 chicken farmers, 15 rear broilers (B),  $x$  rear layers (L), 5 keep both types of chickens while  $(x-2)$  do not rear the mentioned types of chickens.

(a) Use the above information to complete the Venn diagram below.

$$n(\mathcal{E}) = 30$$

(03 marks)



(b) Find the number of farmers who keep only one type of chicken.

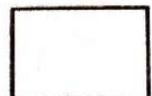
(02 marks)

22. (a) Express 200 as a product of its prime factors.

(02 marks)

- (b) The area of a square garden is 1.96 sq.km. Work out the length of each side of the garden.

(02 marks)



23. During the recent census in Kasaato Village, it was found that 500 people were employed, while 60% of the population was unemployed.

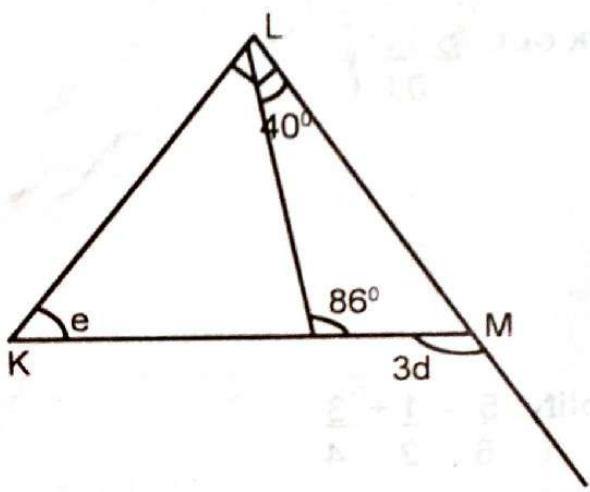
a) Find the total number of people in Kasaato Village.

(03 marks)



- b) By what percentage is the number of unemployed people greater than the number of employed people? (02 marks)

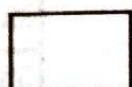
24. In the figure below, angle  $KLM = 90^\circ$ . Study and use it to answer the questions that follow.



Find the size of;  
(a) angle  $d$

(02 marks)

(b) angle  $e$  (02 marks)



25.(a) Solve:  $18-t = 3 + 2t$

(03 marks)

(b) Given that  $a*b$  means  $2a + 2b$ ; Find the value of  $5 * 7$ . (02 marks)

26. In a class, the average age of 30 girls is 8 years and the average age of 20 boys is 13 years. Find the average age of all the children in that class. (05 marks)

27. (a) Work out:  $\frac{5.1 \times 3.2}{0.03}$  (03 marks)

(b) Simplify:  $\frac{5}{6} - \frac{1}{2} \div \frac{3}{4}$  (02 marks)

28. The table below shows the denominations, number of notes and amount Betty deposited in the bank.

Denominations	number of notes	Amount
sh. 50,000	40	sh. _____
Sh. 20,000	_____	sh. 1,000,000
sh. _____	80	sh. 800,000
sh. _____	100	sh. _____
<b>Total</b>		sh. 4,300,000

Use the information to complete the blank spaces above.

(05 marks)

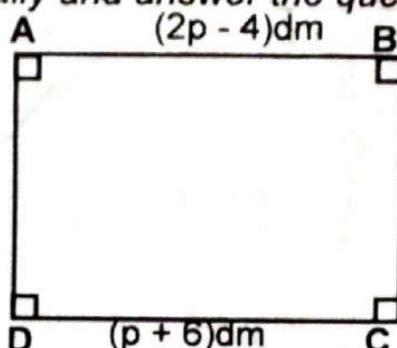


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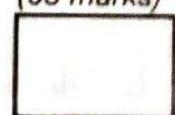
29. A car travelling at 75 kilometres per hour took 2 hours to cover part of its journey. The remaining journey was covered in 3 hours at 60 kilometres per hour.  
Find the **average** speed of the car for the whole journey. (05 marks)

30. The area of the rectangle ABCD below is  $240\text{dm}^2$ .  
Study the rectangle carefully and answer the questions that follow.



(a) Find the value of p. (02 marks)

(b) Calculate the total **distance** round the rectangle. (03 marks)

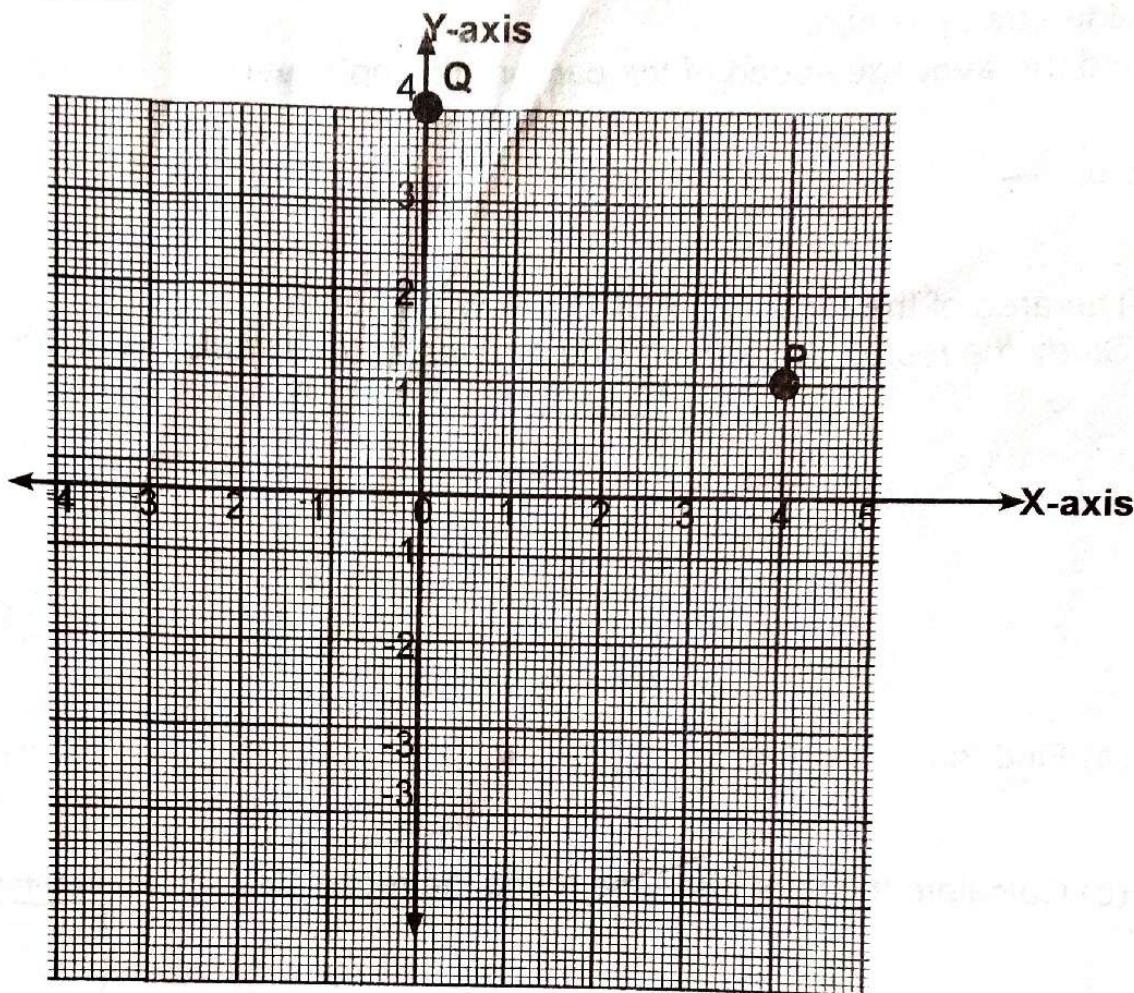


- 31.(a) With the help of a ruler, sharp pencil and a pair of compasses only, construct a triangle ABC in which line AC = line BC, line AB = 8 cm and angle ABC =  $45^\circ$ . (05 marks)



(b) Measure angle  $\text{BCA} = \underline{\hspace{2cm}}$  (01 mark)

32. Use the co-ordinate graph below to answer the questions that follow.

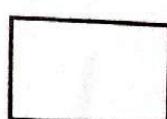


(a) Write down the coordinates of the points P and Q. (02 marks)  
i) P

ii) Q

(b) Plot the points R (-1, 1) and S(0, -2) on the graph. (02 marks)

(c) Join P to Q, Q to R, R to S and S to P and name the geometric figure formed. (02 marks)



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